| last up | date:06 | 0331 | . HiC | | | patch bits from 1 to N | | scaler bits from 0 to M | | |
|------------|---------|-----------|----------------------------|--------|------------------|------------------------|--------|-------------------------|--------|--|
| | | | - | | | | | | | |
| | A in | | A out | B in | | B out | C in | C out | D in | D out |
| 1 | G | 1 | | JP7 | | to JP3/1 | JP13 | | | |
| 3 | L | | to JP17/5 | L | | to JP3/2 | В | | Т | |
| 5 7 | I | | to JP17/6 | D | | to JP3/3 | В | | 0 | |
| | N | | to JP17/7 | - | | to JP3/4 | | | - | |
| 9 11 | K | 5 | tp JP17/8 to JP17/9 | 3 0 | _5 | to JP3/5 to JP3/6 | 1 0 | | T L | |
| 13 | F | | to JP17/9 | 1 | | to JP3/7 | 1 | | A | |
| 15 | R | | to JP17/11 | | | to JP3/8 | 1 | | A | |
| 17 | 0 | | to JP17/12 | 0 | | to JP3/9 | o | | | |
| 19 | М | 10 | 10 31 17/12 | | | to JP3/10 | u | | | |
| 21 | 111 | 11 | | t | 11 | to JP3/11 | t | | | |
| 23 | D | 12 | | | | to JP3/12 | | | | |
| 25 | Ā | 13 | | | | to JP3/13 | | | | |
| 25 27 | Q | 14 | | | | to JP3/14 | | | | |
| 29 | | 15 | | | | to JP3/15 | | | | |
| 31 | R | 16 | | | | to JP3/16 | | | | |
| 33 | 0 | 17 | | | | | | | | |
| 35 | 0 | 18 | | | | | | | | |
| 37 | М | 19 | | | | | | | | |
| 39 | | 20 | jumper to JP3/20 | | | | | | | |
| 41 | | | | | | | | | F | |
| 43 | | Ш | | | | | | | R | |
| 45 | | \square | | | _ | | | | 0 | |
| 47 | | \square | | | _ | | | | М | |
| 49 | | \vdash | | | _ | | | | | |
| 51 | | \vdash | | | _ | | | | T | |
| 53 | | \vdash | | | | | | | L | |
| 55 | | \vdash | | 100 4 | _ | DDC TAC to FC /5 | 104.4 | DDCE Lama to 50.75 | Α | |
| 57 | | + | | JP8 1 | | BBC TAC to FO/5 | JP14 | BBCE Large to FO/6 | | |
| 59 61 | | \vdash | | · | 2 3 | | B B | BBCW Large to FO/7 | | |
| 63 | JP2 | | Expt Clock to FO/1 | V T | <u>3</u> | | Б | | | |
| 65 | R R | | EXPLICIOUS TO FO/1 | - ! | | to sca5/4 | 1 | | | |
| 67 | C | | | 2 | | to sca5/5 | 0 | | | |
| 69 | C | | | 0 | | to sca5/6 | 2 | | | |
| 71 | C | | | 1 | _/ R | to sca5/7 | 2 | | | |
| 73 | | | | | 9 | | o | | | |
| 75 | | | | | | to sca5/8 | u | | | |
| 77 | | | | | | to sca5/9 | t | | | |
| 79 | | | | | | to sca5/0 | | | | |
| 81 | | | | | 13 | to sca5/1 | | | | |
| 83 | | | | | | to sca5/2 | | | | |
| 85 | | | | | | to sca5/3 | | | | |
| 87 | | | | | 16 | | | | | |
| 89 | | | | | | | | | | |
| 91 | | | | | | | | | | |
| 93 | | | | | | | | | | |
| 95 | JP3 | | LD301-0 from JP7/1 | | | | | | | |
| 97 | | | from JP7/2 | | | | | | | |
| 99 | G | | from JP7/3 | | | | | | | |
| 101 | L | | from JP7/4 | | | | | | | |
| 103 | I | | from JP7/5 | | _ | | | | | |
| 105 | N | | from JP7/6 | | <u> </u> | | | | | |
| 107 | K | | from JP7/7 | | _ | | | | | |
| 109 | - | | from JP7/8 | | \vdash | | | | | |
| 111 | T | | from JP7/9 | 100 | _ | b- CCA9/9 | 1045 | L- CCAE/10 | | |
| 113 | 0 | | from JP7/10 | JP9 | | to SCA8/8 | JP15 | to SCA5/10 | | |
| 115 | D | | from JP7/11 | | _ | to SCA8/9 | Z | to SCA5/11 | | to SCA12/0 |
| 117 | | | from JP7/12 | | | to SCA8/10 | D | to SCA5/12 | Е | |
| 119 | A | | from JP7/13 from JP7/14 | E M | _ <u>4</u> _5 | to SCA8/11 | 1 | to SCA5/13 | F | to SCA12/1 |
| 121 123 | Q | | from JP7/14 from JP7/15 | . IVI | _ <u>5</u> 6 | | 1 0 | | R o | to SCA12/2 to SCA12/3 |
| 125 | R | | from JP7/16 | 2 | 7 | | 1 | | m | to SCA12/4 |
| 127 | Ö | | clock from JP2/1 | 0 | | to SCA8/12 | 1 | | | to SCA12/5 |
| 129 | 0 | | 5.553 110111 51 2/1 | 1 | | to SCA8/13 | o | | В | to SCA12/6 |
| 131 | M | | | - | | to SCA8/14 | u | | В | to SCA12/7 |
| 133 | | | jumper from JP1/20 | 0 | | to SCA8/15 | t | | C | to SCA12/8 |
| 135 | | | | u | 12 | | | | W | to SCa12/9 |
| 137 | | П | | t | 13 | | | | | to SCA12/10 |
| 139 | | П | | | 14 | | | | т | to SCA12/11 |
| 141 | | | | | 15 | | | | A | to SCA12/12 |
| 143 | | | | | 16 | | | | C | to SCA12/13 |
| 145 | | | | | | | | | | to SCA12/14 |
| 147 | | | | | | | | | | to SCA12/15 |
| 149 | | | | | | | | | | |
| 151 | | | | | | | | | | |
| 153 | | | | | | | | | | |
| 155 | | | | | | | | | | |
| 157 | JP4 | | clock to JP16/1 | | \Box | | | | | |
| 159 | R | | | | | | | | | |
| 161 | C | | | | _ | | | | | |
| 163 | С | | | | _ | | | | | |
| 165 | | | | | | | | | | |
| 167 | | 1 | | I | 1 | l . | l | İ | I | 1 |

| 189 | | | | | _ | | | | | |
|--|---|---|---|-------------------------------|---|--|-----------------------|-------------------|----------------------------|-----------------|
| 172 | 169 | | | JP10 | | | JP17 | BLUE from JP20/1 | | to SCA11/0 |
| 175 | | | | В | | | | | | |
| 175 | 173 | | | X | 3 | to SCA5/19 | D | RevTick from FO/3 | R | to SCA11/2 |
| 177 | | | | 2 | | | | | | |
| 179 | | _ | | | ÷ | to SCAE/21 | | | | |
| 181 | | | | | - 5 | 10 SCA5/21 | | | | |
| 183 | | | | _ 2 | | | | | _ | |
| 185 1 1 1 1 1 1 1 1 1 | 181 | | | | 7 | to SCA5/23 | 1 | from JP1/4 | В | to SCA11/6 |
| 185 1 1 1 1 1 1 1 1 1 | 183 | | | 0 | | | | from JP1/5 | В | to SCA11/7 |
| 187 | | | | | | | т т | | | |
| 189 PS 189 CA3/16 | | | | | _ | | _ | frame 1D1 /7 | | |
| 191 | | | | _ | | | _ n | | _ = | |
| 193 | | P5 | | _ | | | | | | |
| 193 | 191 | | to SCA3/17 | | | | | from JP1/9 | T | to SCA11/11 |
| 195 | | | | | | | | | | |
| 197 T to \$CA3/20 to \$CA3/21 to \$CA3/22 to \$C | | | | - | _ | | - | | | |
| 199 C to \$CA\$/21 | | _ | | - | _ | | - | | | |
| 201 U U SCAJ/22 U U SCAJ/23 U U SCAJ/24 U U U U U U U U U U U U U U U U U U U | | | | _ | | | _ | | _ | |
| 205 | 199 C | С | to SCA3/21 | | | | | | | to SCA11/15 |
| 205 | 201 L | U | to SCA3/22 | | | | | | | |
| 205 | | _ | | 1 | | | | | 7 | |
| 207 U | | _ | to 3Ca3/23 | | + | | | | | |
| 200 | | | | | \vdash | | | | | |
| 211 | 207 U | U | | | | | | | | |
| 211 | 209 T | Т | | | | | | | | |
| 213 U | | | | | | | | | | |
| 215 T | | | | + | + | | + | + | + | |
| 1 | | | | | + | | | + | + | 1 |
| 1 | | T | | | \perp | | | | | |
| 1 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 1911 1 to SCA9/1 1918 RevTick from FO/3 2 to SCA9/2 1 | | | | 1 | 1 | | 1 | 1 | 1 | 1 |
| 1 | | | | | + | <u> </u> | | + | + | + |
| The content of the | 223 | | | | | | | | | |
| The content of the | 225 | | | JP11 | | | JP18 | RevTick from FO/3 | | |
| F 3 to SC-99/3 8 | | | | | | | | -,- | | |
| 231 | | | | | | | D | | 1 | <u> </u> |
| 235 236 237 2 3 4 4 4 4 4 4 4 4 4 | | | | | | | | | | |
| 1 | | | | _ P | | | _ X | | | |
| 1 | 233 | | | | 5 | to SCA9/5 | 2 | | | |
| 1 | 235 | | | 2 | 6 | to SCA9/6 | 0 | | | |
| 1 | | | | | 7 | to SCA9/7 | | | | |
| 243 | | 1 | | | | | | | | |
| 243 | | | | _ 1 | | | _ | | | |
| 1 | | | | _ | | | I | | | |
| 1 | 243 | | | 0 | 10 | to SCa9/10 | n | | | |
| 12 12 13 13 14 15 15 15 15 15 15 15 | | | | | | | | | | |
| 13 to SCA9/13 14 to SCA9/14 15 to SCA9/15 15 to SCA9/16 15 to SCA9/1 | 1 /47 | | | | | | | | | |
| 14 to SCA9/14 15 to SCA9/15 | | | | + | 12 | to SCA0/12 | | | | |
| 15 to SCA9/15 15 to SCA9/14 16 to SCA9/15 17 to SCA9/14 18 to SCA9/1 | 247 | | | t | | to SCA9/12 | | | | |
| 255 | 247 249 | | | t | 13 | to SCA9/12 to SCA9/13 | | | | |
| 255 | 247 249 | | | t | 13 | to SCA9/12 to SCA9/13 | _ | | | |
| 259 | 247 249 251 | | | _ t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | | |
| 259 | 247 249 251 253 | | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | - - - | | | |
| 261 196 265 C C C C C C C C C | 247 249 251 253 255 | | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | - - - - | | | |
| 265 C C C C C C C C C | 247 249 251 253 255 257 | | | _ t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | - | | | |
| 265 | 247 249 251 253 255 257 259 | | | _ t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | | |
| 265 | 247 249 251 253 255 257 259 | P6 | | _ t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | | |
| 267 | 247 249 251 253 255 257 259 261 JP | | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | | |
| September Sept | 247 249 251 253 255 257 259 261 JP 263 R | R | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | 1020 | BILLE to 1017/1 |
| 273 | 247 249 251 253 255 257 259 261 JP 263 R 265 C | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | JP20 | |
| 275 | 247 249 251 253 255 257 259 261 JP 263 R 265 C | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | | YEL to JP17/2 |
| 275 | 247 249 251 253 255 257 259 261 JP 263 R 265 267 269 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E | YEL to JP17/2 |
| 277 | 247 249 251 253 255 257 259 261 JP 263 R 265 267 269 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E | YEL to JP17/2 |
| 277 | 247 249 251 253 255 257 259 261 JP 263 265 267 269 271 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E C | YEL to JP17/2 |
| 279 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E C | YEL to JP17/2 |
| 281 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E C L | YEL to JP17/2 |
| 281 | 247 249 251 253 255 257 259 261 JP 263 R 265 C 267 C 269 271 273 275 277 | R C | | t | 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 | | | E C L - | YEL to JP17/2 |
| L 2 to SCa1/1 B C C C C C C C C C | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 | R C | | | 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 | | | E C L - P | YEL to JP17/2 |
| 285 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 | R C | | | 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 | JP19 | RevTick from FO/3 | E C L - P | YEL to JP17/2 |
| 287 | 247 249 251 253 255 257 259 261 JP 263 265 267 269 271 273 275 277 279 281 | R C | | JP12 | 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 | JP19 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 289 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 | R C | | JP12 L | 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 bo SCA9/15 to SCA1/0 to SCA1/1 | | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 1 6 to SCA1/5 2 2 2 2 2 2 2 2 2 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 | R C | | JP12 L | 13 14 15 15 1 2 3 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCA1/1 to SCA1/2 | В | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 293 P16 1 clock from JP4/1 0 8 to SCa1/6 2 2 2 2 2 2 2 2 2 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 | R C | | JP12 L D | 13 14 15 15 1 2 3 4 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/3 | В | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 293 P16 1 clock from JP4/1 0 8 to SCa1/6 2 2 2 2 2 2 2 2 2 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 | R C | | JP12 L D | 13 14 15 15 1 2 3 4 5 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/4 | B X | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 295 P 2 0 8 to SCa1/7 2 9 to SCa1/8 1 1 1 1 1 1 1 1 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 | R C | | JP12 L D 3 | 13 14 15 15 1 2 3 4 5 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/4 | B X | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 297 E 3 RevTick from JP1/1 U 9 to SCa1/8 E 10 to SCA1/9 I I I I I I I I I | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 | R C C | clock from IP4/1 | JP12 L D 3 | 13 14 15 1 2 3 4 5 6 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/4 to SCA1/5 | B X | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 299 C | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 JP: | R C C C | | JP12 L D 3 0 | 13 14 15 15 1 2 3 4 5 6 7 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCa1/2 to SCa1/2 to SCa1/4 to SCA1/5 to SCA1/6 | B X 2 0 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 301 L 5 8B102/0 from JP14/1 12 to SCa1/10 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 JP2 295 PP | R C C C P P P P P P P P P P P P P P P P | | JP12 L D 3 0 | 13 14 15 15 1 2 3 4 5 6 7 8 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/3 to SCA1/5 to SCA1/5 to SCA1/6 to SCA1/7 | B X 2 0 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 301 L 5 8B102/0 from JP14/1 12 to SCa1/10 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 JPP 297 E | P16 1 P 2 E 3 | RevTick from JP1/1 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/4 to SCA1/5 to SCA1/7 to SCA1/7 to SCA1/8 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 303 F 7 7 13 to SCAI/11 13 to SCAI/12 7 7 7 7 7 7 7 7 7 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 JPP 297 E | P16 1 P 2 E 3 | RevTick from JP1/1 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/5 to SCA1/5 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/8 to SCA1/8 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 305 F 7 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 295 297 299 | P16 1 2 E 3 C 4 | RevTick from JP1/1 VT201/1 from JP8/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/5 to SCA1/5 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/8 to SCA1/8 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 307 0 8 14 to SCA1/13 15 to SCA1/14 16 to SCA1/15 16 to SCA1/15 16 to SCA1/15 16 to SCA1/15 17 17 17 17 17 17 17 17 17 17 17 17 17 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 293 301 L | P16 1 P 22 E 3 C 4 L 5 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 | JP12 L D 3 0 1 | 13 14 15 15 2 3 4 5 6 6 7 8 9 10 11 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 To SCA9/15 to SCA1/15 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/2 to SCa1/3 to SCa1/6 to SCa1/6 to SCa1/6 to SCa1/7 to SCa1/8 to SCa1/8 to SCa1/9 to SCa1/9 to SCa1/9 to SCa1/9 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 309 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 | P16 1 P 2 E 3 C 4 L 5 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 6 7 7 8 9 10 11 12 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/4 to SCA1/5 to SCA1/7 to SCA1/8 to SCA1/8 to SCA1/10 to SCA1/10 to SCA1/10 to SCA1/10 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 15 to SCA1/14 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 FF | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 2 3 4 5 6 7 8 9 10 11 12 13 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/5 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/8 to SCA1/9 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 311 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 F 307 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCa1/1 to SCa1/2 to SCa1/2 to SCa1/6 to SCa1/6 to SCa1/7 to SCa1/8 to SCA1/9 to SCA1/9 to SCA1/9 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/11 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 313 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 F 307 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCa1/1 to SCa1/2 to SCa1/2 to SCa1/6 to SCa1/6 to SCa1/7 to SCa1/8 to SCA1/9 to SCA1/9 to SCA1/9 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/11 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 315 | 247 249 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 293 301 303 305 307 309 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/4 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/1 to SCA1/1 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 317 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 305 307 309 311 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/4 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/1 to SCA1/1 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 319 < | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 293 301 303 305 307 309 311 313 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/15 to SCA1/0 to SCA1/1 to SCA1/2 to SCA1/2 to SCA1/3 to SCA1/4 to SCA1/5 to SCA1/6 to SCA1/7 to SCA1/1 to SCA1/1 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 319 < | 247 249 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 293 301 303 305 307 309 311 313 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 321 | 247 249 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 281 283 285 287 289 291 293 301 303 305 307 309 311 313 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 323 < | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 305 307 309 311 313 315 317 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 325 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 307 309 311 313 315 317 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 327 | 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 507 309 311 313 315 317 319 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 1 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 327 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 305 307 309 311 313 313 315 317 319 321 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 329 | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 305 307 309 311 313 313 315 317 319 321 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| | 247 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 307 309 301 313 315 317 319 321 323 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| 331 | 247 249 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 301 303 305 307 309 311 313 315 317 319 321 323 325 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |
| | 247 249 249 251 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 303 305 307 309 311 313 313 315 317 319 321 323 325 327 | P16 1 P 2 3 C 4 L 5 6 | RevTick from JP1/1 VT201/1 from JP8/2 BB102/0 from JP14/1 BB102/1 from JP14/2 | JP12 L D 3 0 1 | 13 14 15 15 1 2 3 4 5 6 7 8 9 10 11 12 12 13 14 15 | to SCA9/12 to SCA9/13 to SCA9/13 to SCA9/14 to SCA9/15 to SCA1/0 to SCA1/0 to SCa1/1 to SCa1/2 to SCa1/3 to SCa1/4 to SCA1/5 to SCa1/6 to SCa1/7 to SCa1/1 to SCa1/1 to SCA1/2 to SCA1/3 to SCA1/1 to SCA1/10 to SCA1/10 to SCA1/11 to SCA1/11 to SCA1/11 to SCA1/12 to SCA1/13 to SCA1/13 | B X 2 0 2 | RevTick from FO/3 | E C L - P E | YEL to JP17/2 |